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## UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No. |               | ECE-001     |                        |  |  |  |  |
|---------------------|---------------|-------------|------------------------|--|--|--|--|
| First Inventor      |               | Hubin Jiang |                        |  |  |  |  |
| Title               | Imaging Syste | em an       | d Business Methodology |  |  |  |  |
| ,,,,,,              | L             |             | 000004454 LIC          |  |  |  |  |

| (Only for new nonprovisional   | ress N   | Mali Label No  |   |                              |                                       |            |          |                   |  |
|--|--|--|---|------------------------------|---------------------------------------|------------|----------|-------------------|--|
| APPLICATION ELEMENTS   |  |  | ADDR  | RESS TO:                     | Box Par                               | tent App   | lication |                   |  |
| See MPEP chapter 600 conce   | ts.  |  |   |                              | igton, D                              |            |          |                   |  |
| 1. (Submit an original and a du  |  |  | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission |                              |                                       |            |          |                   |  |
| Applicant claims small entity status.  See 37 CFR 1.27.  |  |  | (if applicable, all necessary)  |                              |                                       |            |          |                   |  |
| 3. Specification (preferred arrangement s  | [Total Pages 29 ]  |  | a. Computer Readable Form (CRF)   |                              |                                       |            |          | 17                |  |
| - Descriptive title of   |  |  | b. Specification Sequence Listing on:   |                              |                                       |            |          |                   |  |
| - Cross Reference  | to Related Applications rding Fed sponsored R & D                            |  | i. CD-ROM or CD-R (2 copies); or  |                              |                                       |            |          |                   |  |
| - Reference to sec   | uence listing, a table,  |  | ii.   |                              |                                       |            |          |                   |  |
| or a computer pro  | ogram listing appendix   |  | с. Г  | Statements v                 | erifying                              | identity   | of abo   | ve copies         |  |
| - Background of th<br>- Brief Summary o  | of the Invention   | 1  |   | COMPANY                      | NG AF                                 | PPLICA     | ATIO     | N PARTS           |  |
| <ul> <li>Brief Description</li> </ul>  | of the Drawings (if filed)   |  |   | Assignment P                 |                                       |            |          |                   |  |
| <ul> <li>Detailed Descrip</li> <li>Claim(s)</li> </ul>   | tion   | 1  | 9   |                              |                                       |            |          | Power of          |  |
| - Abstract of the I  | Disclosure   |  | 10.   | 37 CFR 3.73<br>(when there i | s an ass                              | ignee)     | Ш        | Attorney          |  |
| 4. Drawing(s) (35 U.   | S.C. 113) [ Total Sheets 9   | յ  | 11. English Translation Document (if applicable)  |                              |                                       |            |          |                   |  |
| 5. Oath or Declaration   | [ Total Pages 2  | j j  | 12.   | Information I Statement (II  |                                       |            |          | Citations         |  |
| 13 Preliminary Amendment   |  |  |   |                              |                                       |            |          |                   |  |
| Copy from a prior application (37 CFR 1.63 (d)) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |  |  |   |                              |                                       |            |          |                   |  |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)   |  |  |   |                              |                                       |            | :(s)     |                   |  |
| Signed stat<br>named in th<br>1.63(d)(2) (   |  | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |   |                              |                                       |            |          |                   |  |
|  | Sheet. See 37 CFR 1.76   |  | 17.   | Other:                       | · · · · · · · · · · · · · · · · · · · |            |          |                   |  |
| 18. If a CONTINUING APPLI  | CATION, check appropriate box, and   | supply th  | ne requi  | site information i           | below an                              | nd in a pi | relimin  | ary amendment     |  |
| or in an Application Data She  | Divisional Continuation-in-part  | CIP)   | of  | prior application No.        |                                       | /          |          |                   |  |
| Prior application information:   | Examiner:  | . ,  |   |                              | Art Unit:                             |            |          |                   |  |
| F - CONTINUATION OF DIVISI   | ONAL ADDS only: The entire disclosure  | of the pri   | ior appli   | cation, from whic            | h an oath                             | or decla   | ration   | is supplied unde  |  |
| Day Eh is considered a part of   | the disclosure of the accompanying of relied upon when a portion has been in | ontinuatio   | n or divi   | isional application          | n and is n                            | iereby in  | corpor   | ated by reference |  |
| The incorporation can only be  | 19. CORRESP  |  |   |                              | tted opp.                             | ioution p  |          |                   |  |
|  | 1  |  |   |                              | 7                                     | _          |          |                   |  |
| Customer Number or Bar Co  | ode Label (Insert Customer No. or Att  | ach bar code   | e lebel her   | θ) or [                      |                                       | Сотеѕропо  | fence ad | dress below       |  |
| Name   | Charles B. Lobsenz   |  |   |                              |                                       |            |          |                   |  |
|  | Roberts, Mlotkowski & Hobbes PC  |  |   |                              |                                       |            |          |                   |  |
| Address  | s 8270 Greensboro Drive, Suite 850   |  |   |                              |                                       |            |          |                   |  |
| City   | McLean   | St   | ate   | Virginia                     |                                       | Zip Code   |          | 22102             |  |
| Country  | Country USA Teleph   |  | one   | 703-584-3                    | 276                                   | Fa         | X        | 703-848-298       |  |
| Name (Print/Type)  | Charles B. Lobsenz   |  | Regi  | stration No. (A              | ttorney/                              | (Agent)    |          | 36857             |  |
| Signature 07/25/2003   |  |  |   |                              |                                       | 5/2003     |          |                   |  |
| Burden Hour Statement: This form is estimated to take 0.2 yours to complete. Time will vary depending upon the needs of the individual case. Any comments of   |  |  |   |                              |                                       |            |          |                   |  |

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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

Signature

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| Complete if Known                                      |             |  |  |  |  |
| Application Number                                     |             |  |  |  |  |
| Filing Date  | 7/25/2003   |  |  |  |  |
| First Named Inventor                                   | Hubin Jiang |  |  |  |  |
| Examiner Name  |             |  |  |  |  |
| Art Unit   |             |  |  |  |  |
| Attorney Docket No.                                    | ECO-001     |  |  |  |  |

Date

7/25/2003

| METHOD OF PAYMENT (check all that apply)  |  |        |              | FEE              | FEE CALCULATION (continued)  |          |  |  |
|---|--|--------|--------------|------------------|--|----------|--|--|
| Check Credit card Money Other None  | 3. ADDITIONAL FEES   |        |              |                  |  |          |  |  |
| Deposit Account:  | Large Entity   Small Entity  |        |              |                  |  |          |  |  |
| Deposit Account:  |  |        |              | Fee<br>(\$)      | Fee Description  | Fee Paid |  |  |
| Account<br>Number   | 1051   | 130    | 2051         |                  | Surcharge - late filing fee or oath  | oo i wix |  |  |
| Deposit   | 1052   | 50     | 2052         | 25               | Surcharge - late provisional filing fee or                                     |          |  |  |
| Account<br>Name   | 1053   | 130    | 1053         | 130              | cover sheet Non-English specification  |          |  |  |
| The Commissioner is authorized to: (check all that apply)   | 1812   |        | 1812         |                  | For filing a request for ex parte reexamination                                |          |  |  |
| Charge fee(s) indicated below Credit any overpayments  Charge any additional fee(s) during the pendency of this application | 1804   | 920*   | 1804         | 920*             | Requesting publication of SIR prior to   |          |  |  |
| Charge fee(s) indicated below, except for the filing fee  | 1805   | 1 840* | 1805         | 1 840*           | Examiner action  Requesting publication of SIR after                           |          |  |  |
| to the above-identified deposit account.  | 1605   | 1,040  | 1005         | 1,040            | Examiner action  |          |  |  |
| FEE CALCULATION   | 1251   | 110    | 2251         | 55               | Extension for reply within first month   |          |  |  |
| 1. BASIC FILING FEE   | 1252   | 410    | 2252         | 205              |  |          |  |  |
| Large Entity Small Entity   | 1253   | 930    | 2253         | 465              |  |          |  |  |
| Fee Fee Fee Fee Pee Pee Pee Paid Code (\$) Code (\$)  | 1254   | •      | 2254         | 725              |  |          |  |  |
| 1001 750 2001 375 Utility filing fee 375.00   | 1255   | 1,970  | 2255         | 985              | Extension for reply within fifth month   |          |  |  |
| 1002 330 2002 165 Design filing fee   | 1401   | 320    | 2401         |                  | Notice of Appeal   |          |  |  |
| 1003 520 2003 260 Plant filing fee  | 1402   | 320    | 2402         |                  | Filing a brief in support of an appeal   |          |  |  |
| 1004 750 2004 375 Reissue filing fee  | 1403   | 280    | 2403         |                  | Request for oral hearing   | -        |  |  |
| 1005 160 2005 80 Provisional filing fee   | 1451   | •      | 1451         |                  | Petition to institute a public use proceeding                                  |          |  |  |
| SUBTOTAL (1) (\$) 375.00  | 1452   | 110    | 2452         |                  | 5 Petition to revive - unavoidable   |          |  |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   | 1453   | -      | 2453         |                  | Petition to revive - unintentional   |          |  |  |
| Fee from Extra Claims below Fee Paid  | 1301   | 470    | 2501<br>2502 |                  | 0 Utility issue fee (or reissue)<br>5 Design issue fee                         | <u> </u> |  |  |
| Total Claims 17 -20** = 0 x 9 = 0   | 1503   | 630    | 2503         |                  | 5 Plant issue fee  |          |  |  |
| Independent O - 3** = 0 x 42 =0   | 1460   | 130    | 1460         |                  | Petitions to the Commissioner  |          |  |  |
| Multiple Dependent 0 =0   | 1807   | 50     | 180          |                  | 0 Processing fee under 37 CFR 1.17(q)  |          |  |  |
| Large Entity   Small Entity   | 1806   | 180    | 180          |                  | Submission of Information Disclosure Stmt                                      |          |  |  |
| Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)  | 8021   | 40     | 802          |                  | Recording each patent assignment per   |          |  |  |
| 1202 18 2202 9 Claims in excess of 20   |  | 750    | 280          |                  | roperty (times number of properties) Filing a submission after final rejection |          |  |  |
| 1201 84 2201 42 independent claims in excess of 3   | 1809   | 750    | 280          | <del>.</del> 3/: | (37 CFR 1.129(a))  |          |  |  |
| 1203 280 2203 140 Multiple dependent claim, if not paid   | 1810   | 750    | 281          | 0 37             | 5 For each additional invention to be  |          |  |  |
| 1204 84 2204 42 ** Reissue independent claims over original patent  | 1801   | 750    | 2801         | 37               | examined (37 CFR 1.129(b))  5 Request for Continued Examination (RCE)          |          |  |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20  | 1801 750 2801 375 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination |        |              | -                |  |          |  |  |
| and over original patent  | of a design application  |        |              |                  |  |          |  |  |
| SUBTOTAL (2) (\$) 0.00  | Other fee (specify)  |        |              |                  |  |          |  |  |
| **or number previously paid, if greater; For Reissues, see above  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  |        |              |                  |  |          |  |  |
| SUBMITTED BY (Complete (if applicable)  |  |        |              |                  |  |          |  |  |
| Name (Print/Type) Charles & Lobsenz   | Registration No. (Attorney/Agent) 36857 Telephone 703-584-3276   |        |              |                  |  |          |  |  |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.